Bruhat Bangalore Mahanagara Palike
Executive Engineer Yelahanka Division

Name of Work: Modified Estimate for Improvements To Roads and Drains At Attur Layout Surrounding Areas in Ward No-03

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Civil Work								
1	KSRRB 300-2. **Earthwork excavation** by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications								
		Cum							
	Attur								
	Santoshnagar 7th cross		1	173.70	1.10	1.00	191.07		
	Cross Road		2	10.70	1.10	1.00	23.54		
	Whitepetal School gate		1	27.10	1.10	1.00	29.81		
	Muneshwara Layout								
	1st Cross Rd		1	260.10	0.90	1.00	234.09		
	2nd Cross Rd		2	20.30	1.00	1.00	40.60		
	1st Main Road		2	76.00	1.10	1.00	167.20		
	5th Cross Rd		2	137.90	0.90	1.00	248.22		
	Debris		6	9.00	7.77	0.30	125.87		
	RCC Culvert		3	5.57	1.50	1.00	25.07		
							1085.47	160.00	173675.04
		Approved Amount		160.00					
2	KSRB 4-2.3 : Providing and laying in **position plain cement concrete of Mix 1:4:8** with OPC @ 280kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 25 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications.								
		Cum							
	Attur								
	Santoshnagar 7th cross		1	173.70	1.10	0.15	28.66		
	Cross Road		2	10.70	1.10	0.15	3.53		
	Whitepetal School gate		1	27.10	1.10	0.15	4.47		
	Muneshwara Layout								
	1st Cross Rd		1	260.10	0.90	0.15	35.11		
	2nd Cross Rd		2	20.30	1.00	0.15	6.09		
	1st Main Road		2	76.00	1.10	0.15	25.08		
	5th Cross Rd		2	137.90	0.90	0.15	37.23		
	RCC Culvert		3	5.57	1.50	0.15	3.76		
							143.94	5500.00	791665.88
		Approved Amount		5500.00					
3	Providing and laying plain/reinforced cement concrete for side drains using **M20 nominal mix concrete with OPC at 300 kgs.** with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 2500, 2700, 2200. including cost of materials, labour, HOM complete as per specificationsdo- Wall & bottom thickness 15cm								

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Cum							
Drain Raft								
Attur								
Santoshnagar 7th cross		1	173.70	0.90	0.15	23.45		
Cross Road		2	10.70	0.90	0.15	2.89		
Whitepetal School gate		1	27.10	0.90	0.15	3.66		
Muneshwara Layout								
1st Cross Rd		1	260.10	0.75	0.15	29.26		
2nd Cross Rd		2	20.30	0.83	0.15	5.02		
1st Main Road		2	76.00	0.90	0.15	20.52		
5th Cross Rd		2	137.90	0.75	0.15	31.03		
Drain Wall								
Attur								
Santoshnagar 7th cross		2	173.70	0.15	0.60	31.27		
Cross Road		4	10.70	0.15	0.60	3.85		
Whitepetal School gate		2	27.10	0.15	0.60	4.88		
Muneshwara Layout								
1st Cross Rd		2	260.10	0.15	0.60	46.82		
2nd Cross Rd		4	20.30	0.15	0.60	7.31		
1st Main Road		4	76.00	0.15	0.60	27.36		
5th Cross Rd		4	137.90	0.15	0.60	49.64		
						286.96		
RCC Culvert Raft		3	5.57	1.20	0.20	4.01		
RCC Culvert Wall		6	5.57	0.30	0.60	6.02		
						10.03		
						296.98	5700.00	1692797.40
	Approved Amount		5700.00					
4	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications.							
	Tn							
For Drain 65kg/cum			286.96	0.065		18.65		
For Culvert 90kg/cum			10.03	0.090		0.90		
						19.55	75800.00	1482229.58
	Approved Amount		75800.00					
5	Providing and Fixing pre cast covering Slab 100mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge. (Data Rate)							
	Sqm							
Attur								
Santoshnagar 7th cross		1	146.90	0.90		132.21		
Cross Road		2	10.70	0.90		19.26		
Whitepetal School gate		1	27.10	0.90		24.39		
Muneshwara Layout								
1st Cross Rd		1	154.30	0.75		115.73		
2nd Cross Rd		2	20.30	0.90		36.54		
1st Main Road		2	61.50	0.90		110.70		

	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	5th Cross Rd		2	64.30	0.75		96.45		
	Missing Slab		1	26.80	0.90		24.12		
							559.40	2600.00	1454427.00
		Approved Amount		2600.00					
6	Providing and fixing RCC precast cover slab of 250mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)								
		Sqm							
	RCC Culvert		3	5.57	1.20		20.05		
							20.05	5600.00	112291.20
		Approved Amount		5600.00					
								Total Construction Cost	5707086.10

Assistant Engineer
Ward 03
BBMP Bangalore

Asst. Executive Engineer
Yelahanka New Town Sub Division
BBMP Bangalore

Executive Engineer,
Yelahanka Division,
BBMP, Bangalore - 64
BBMP Bangalore

Technical Sanction
Accorded For Rs 5707086.10
Head of A/C 2178
CER NO :...19..... Dt:25.06.2021

CE (YNK)